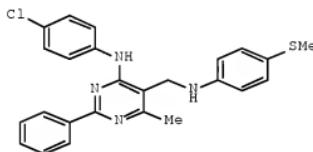


TITLE: Preparation of novel derivative of pyrimidine with immunotropic activity
 INVENTOR(S): Cieplik, Jerzy; Zimecki, Michal
 PATENT ASSIGNEE(S): Akademia Medyczna im.Piastow Slaskich we Wrocławiu,
 Pol.
 SOURCE: Pol., 4pp.
 DOCUMENT TYPE: Patent
 LANGUAGE: Polish
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PL 194083	B1	20070430	PL 2001-346327	20010306
PRIORITY APPLN. INFO.:			PL 2001-346327	20010306
ED	Entered STN:	28 Apr 2008		
GI				



AB The title compound I was prepared by treating 2-phenyl-4-(4'-chlorophenylamino)-6-methyl-5-hydroxymethylpyrimidine with thionyl chloride followed by condensing the resulting 2-phenyl-4-(4'-chlorophenylamino)-6-methyl-5-chloromethylpyrimidine with p-S-methylphenylamine in a solvent such as benzene, chloroform or THF. New compound I was tested in model of humoral immunity response in mice and showed similar activity as Levamizole at dose 10 µg/mouse and 100 µg/mouse.

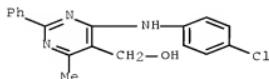
IT 154957-61-6

RL: RCT (Reactant); RACT (Reactant or reagent)

(preparation of novel derivative of pyrimidine with immunotropic activity)

RN 154957-61-6 HCPLUS

CN 5-Pyrimidinemethanol, 4-[(4-chlorophenyl)amino]-6-methyl-2-phenyl- (CA INDEX NAME)



CC 28-16 (Heterocyclic Compounds (More Than One Hetero Atom))
 Section cross-reference(s): 1
 IT 104-96-1, 4-(Methylthio)phenylamine 154957-61-6

RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation of novel derivative of pyrimidine with immunotropic activity)
IT 161926-93-6P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)
(preparation of novel derivative of pyrimidine with immunotropic activity)